

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1-25 (canceled)

26. (new) A method for continuous coating of cores with a dragée-making apparatus comprising at least one rotatably driven drum (1) in which the product (5) is coated with one or several coating materials, comprising the steps of

dividing the charge of the product (5) to be processed at the inlet side of the drum into individual charges and

transporting the individual charges of the product through the drum (1, 91) in a cyclical transport mode and

processing the individual charges of the product in individual, separate processing chambers (7-13; 72-74) in the drum (1, 91).

27. (new) The method according to claim 26, further comprising the step of subjecting the cores of the product (5) to be coated to at least one process step in individual processing chambers (7-13; 72-74) which are separated in the axial direction of the drum (1, 91), and

transporting the product (5) residing in a respective processing chamber (7-13; 72-74) in a cyclical transport mode from the one processing chamber (7-13; 72-74) into the additional adjacent processing chamber (7-13; 72-74).

28. (new) The method according to claim 26, further comprising the step of transporting the product (5) from the one processing chamber (7-13; 72-74) to the next processing chamber by a longitudinal conveyor (3, 76) which conveys in the axial direction of the drum (1, 91).

29. (new) The method according to claim 26, wherein the processing chambers provide

"spraying", "powdering", "distributing the coating materials", and "drying".

30. (new) The method according to claim 26, wherein the volume of the individual processing chambers (7-13; 72-74) is adjustable.

31. (new) The method according to claim 26, wherein the individual processing chambers (7-13; 72-74) has an adjustable axial length.

32. (new) The method according to claim 26, wherein the transport speed of the product is adjustable.

33. (new) An apparatus for continuous coating of cores with a dragée-making apparatus comprising

at least one rotatably driven drum (1) in which the product (5) is coated with one or several coating materials, and

at least one longitudinal conveyor (3, 32; 76) is arranged in the drum (1; 91), and wherein with the conveyor (3, 32; 76) the product (5) is transported in a cyclical transport mode in form of individual charges through the drum (1, 91) in the axial direction.

34. (new)The apparatus according to claim 33, wherein the conveying elements of the longitudinal conveyor form the individual processing chambers (7-13; 72-74) in cooperation with the inner wall of the drum (1, 91).

35. (new) The apparatus according to claim 33 for carrying out the method according to claim 1, wherein the longitudinal conveyor is implemented as a rotatably driven spiral conveyor (32).

36. (new) The apparatus according to claim 33 for carrying out the method according to claim 1, wherein the longitudinal conveyor is implemented as a chain conveyor.

37. (new) The apparatus according to claim 35, wherein several independently driven spiral conveyors (32a, 32b) are arranged in the drum (1; 91).

38. (new) The apparatus according to claim 33, wherein the outer circumference of the longitudinal conveyor forms a rotating gap (38) relative to the inner circumference of the drum (1, 91), with the gap being smaller than the diameter of the cores to be coated.

39. (new) A method for continuous coating of cores with a dragée-making apparatus comprising the steps of

providing at least one rotatably driven drum for coating the product with one or several coating materials

providing a transition (76) from one chamber (7-13; 72-74) to an adjacent other chamber (72-74).

40. (new) The method according to claim 39, wherein the transition (76) from one chamber (7-13; 72-74) to the adjacent other chamber (72-74) is provided by opening a passageway in a partition disk (68-71) which separates the chambers.

41. (new) The method according to claim 40, wherein all passageways in all chambers (7-13; 72-74) are simultaneously opened at a defined point in time.

42. (new) The method according to claim 39, wherein the connection between all chambers (7-13; 72-74) is established only temporarily.

43. (new) An apparatus for continuous coating of cores with a dragée-making apparatus comprising

at least one rotatably driven drum in which the product is coated with one or several coating materials, wherein a longitudinal conveyor is temporarily switched from conveying operation to mixing operation.

44. (new)The apparatus according to claim 43, wherein the drum comprises an interior space, the interior space is divided into a plurality of chambers (72-74) which are closed off from each other, and a transition from one chamber (72-74) to an adjacent other chamber (72-74) is provided, in conjunction with conveying the product.

45. (new)A dragée apparatus according to claim 44, wherein at least one chamber (72-74) is formed by a wall of the drum and by two spaced-apart partition disks (68-71) which are non-rotatably connected with the wall (66) of the drum.

46. (new)The apparatus according to claim 45, wherein the at least one spaced-apart partition disk (68-71) includes at least one pivoting baffle and wherein the drum includes a pivot axis (77) disposed approximately perpendicular to the plane of the drum wall (66) and having a free pivoting end adapted to contact the adjacent partition disk (68-71).

47. (new) The apparatus according to claim 46, wherein each chamber (72-74) of the drum comprises one of the at least one pivoting baffle (76a-76d) and wherein all chambers can be pivoted at the same time.

48. (new) The apparatus according to claim 47, wherein the shifting drive comprises a pushrod (79) arranged parallel to the longitudinal axis of the drum, and wherein the pushrod (79) is movably guided on the drum wall and non-rotatably connected with one end of a corresponding eccentric lever (86), with the other end of the eccentric lever (86) being connected with the shaft of the pivoting baffle (76).

49. (new)The apparatus for continuous coating of cores with a dragée-making apparatus comprising at least one rotatably driven drum in which the product is coated with one or several coating materials, comprising a transition (76) extending from one chamber (7-13; 72-74) to an adjacent other chamber (72-74).

50. (new) The method for continuous coating of cores with a dragée-making apparatus according to claim 1, further comprising the steps of subjecting the product to at least one of additional treatment processes including spraying and drying.